

Converting Colors

YUV(150.8770, 39.9936,
-41.1111)

Have a look what the booklet for
YUV(150.8770, 39.9936, -41.1111)
contains.

YUV(150.8770, 39.9936, -41.1111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.8770, 39.9936,
-41.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	689FE8
RGB	104, 159, 232
RGB Percent	41%, 62%, 91%
CMY	0.5922, 0.3765, 0.0902
CMYK	0.55, 0.31, 0.00, 0.09
HSL	214°, 74%, 66%
HSV	214°, 55%, 91%
XYZ	32.6725, 33.5655, 81.1007
YIQ	150.8770, -56.2130, 11.0430

Conversions

Conversions Part 2

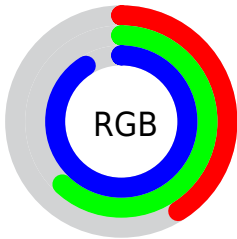
Format	Color
RYB	104, 142, 232
Decimal	6856680
CIELab	64.62, 2.77, -42.30
CIELCh	65, 42.392, 273.749
Yxy	33.5655, 0.2218, 0.2278
Android (android.graphics.Color)	4285046760 (0xFF689FE8)
YUV	150.8770, 39.9936, -41.1111
Hunter-Lab	57.9358, -0.7235, -42.4414

Details

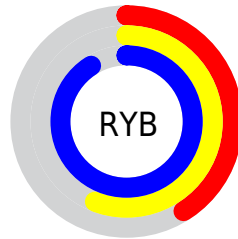
The YUV color **150.8770, 39.9936, -41.1111** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **185.1230, -39.9936, 41.1111**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8380, 25.7159, -34.9379**, and **94.8220, 40.0208, -49.8329** is the 20% darker color. If you saturate the color by 10%, you get **136.3690, 47.1461, -48.5586**, and if you desaturate by 10%, it is **165.3850, 32.8412, -33.6636**.

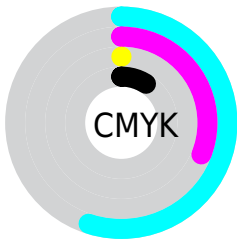
Distribution



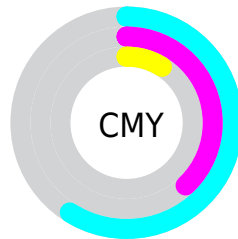
- Red (41%)
- Green (62%)
- Blue (91%)



- Red (41%)
- Yellow (56%)
- Blue (91%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8770, 39.9936, -41.1111 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 150.8770, 39.9936, -41.1111 by changing the saturation by 10% instead.

■ 150.8770, 39.9936,
-41.1111

■ 150.8770, 39.9936,
-41.1111

■ 255.0000, 0.0000,
0.0000

■ 123.4530, 39.7097,
-43.3703

■ 202.8380, 25.7159,
-34.9379

■ 94.8220, 40.0208,
-49.8329

■ 228.5320, 13.0487,
-32.0386

■ 66.2940, 40.7741,
-58.1398

■ 244.8340, 5.0118,
-20.9024

■ 49.8290, 36.0733,
-43.7000

■ 253.8040, 0.5896,
-2.4591

■ 34.6520, 31.2306,
-30.3898

■ 20.0620, 26.0984,
-17.5944

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 150.8770, 39.9936,
-41.1111

■ 150.8770, 39.9936,
-41.1111

■ 136.3690, 47.1461,
-48.5586

■ 165.3850, 32.8412,
-33.6636

■ 121.8610, 54.2985,
-56.0061

■ 179.8930, 25.6888,
-26.2162

■ 106.4670, 61.8878,
-63.5536

■ 195.2870, 18.0995,
-18.6687

■ 91.9590, 69.0402,
-71.0010

■ 209.7950, 10.9471,
-11.2212

■ 85.1480, 72.3980,
-74.6748

■ 224.3030, 3.7946,
-3.7737

■ 238.8110, -3.3578,
3.6738

■ 250.6170, -9.1782,
3.8439

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



124.7390, 48.9357, -109.3961



150.8770, 39.9936, -41.1111



159.8290, 29.6643, 5.4120

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



150.8770, 39.9936, -41.1111



157.8090, -20.1188, 59.8035



142.0590, -9.8891, -48.2867

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



150.8770, 39.9936, -41.1111



185.1230, -39.9936, 41.1111

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



149.1810, -28.1902, -11.5597



150.8770, 39.9936, -41.1111



155.9800, -33.0211, 44.7445

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



150.8770, 39.9936, -41.1111



159.2770, -3.0946, 59.3931



153.2020, -36.5816, 19.9938



121.5520, 18.9549, -106.6011

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150.8770, 39.9936, -41.1111



161.4640, 19.9842, 30.2881



153.2020, -36.5816, 19.9938



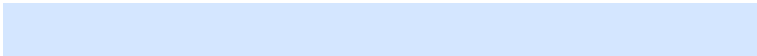
144.8990, -17.2052, -34.9914

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



150.8770, 39.9936, -41.1111



227.4680, 13.5733, -13.5654



187.4580, -5.1558, -73.1927



111.4210, 8.1734, -8.2622



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.8770, 39.9936, -41.1111



148.4160, 52.5459, -53.8618



121.2830, 54.5835, -7.2642



107.3030, 3.7946, -3.7737



65.6050, 55.9037, -57.5356



18.7280, 15.9101, -16.4245

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



148.5420, 5.1558, 73.1927



145.4400, 6.6851, 96.0841



214.7170, -54.5835, 7.2642



107.1580, 0.4151, 6.8774



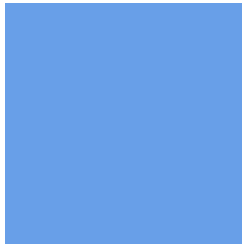
62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 150.8770, 39.9936, -41.1111 looks on a white background.

Color Contrast Check

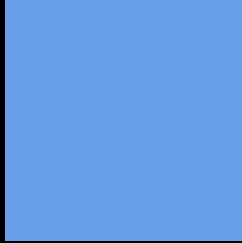
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 150.8770, 39.9936, -41.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

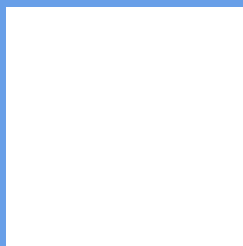
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.8770, 39.9936, -41.1111

Background



This preview shows how black text looks on a background with the YUV color 150.8770, 39.9936, -41.1111.



This preview shows how white text looks on a background with the YUV color 150.8770, 39.9936, -41.1111.

-41.1111.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

150.8770, 39.9936, -41.1111

Protanopia

155.7440, 35.1292, -20.8235

Deuteranopia

153.7260, 39.0821, -28.7007



Tritanopia

145.3660, 18.0606, -52.9410

Trichromacy



Original Color

150.8770, 39.9936, -41.1111

Protanomaly

154.1560, 36.8981, -28.2008

Deuteranomaly

152.5190, 39.6771, -32.9042

Tritanomaly

147.1630, 26.0486, -48.3780

Monochromacy



Original Color

150.8770, 39.9936, -41.1111

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9840, 14.3049, -14.8950

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8770, 39.9936, -41.1111 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 159, 232)` looks like.

```
.text, #text, p{  
    color:rgb(104, 159, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 159, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 159, 232) }
```

Border

The CSS property to change the border of an element to YUV 150.8770, 39.9936, -41.1111 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 159, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 159, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 159, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 159, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 159, 232);  
box-shadow:4px 4px 4px 4px rgb(104, 159,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 150.8770, 39.9936, -41.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 159, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104,  
159, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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